

80-4 (1978)

6/4

BFO ^{by folder}
File

3430
BIOLOGICAL
EVALUATION R4-80-4

SAWTOOTH NATIONAL FOREST
TWIN FALLS RANGER DISTRICT
1978

Rating Lodgepole Pine Stands
for
Mountain Pine Beetle Hazard

Prepared by Arland C. Valcarce, Max M. Ollieu, Entomologists, Boise Field
Office, Forest Insect and Disease Management, David J. McClymonds and
Gary Kaiser, Forestry Technicians, Sawtooth National Forest.

RATING LODGEPOLE PINE STANDS
FOR
MOUNTAIN PINE BEETLE HAZARD

Twin Falls Ranger District
Sawtooth National Forest

1978

INTRODUCTION

Mountain pine beetle is the major cause of mortality to large diameter lodgepole pine. Relating to timber production the method of reducing mountain pine beetle losses in unmanaged old growth stands is to place those stands under management. This is the land managers basic problem and will continue to be until the land base for commercial timber production is determined and the first logging entry accomplished. Management would possibly mean those alternatives shown in (1) "Guidelines for reducing losses of lodgepole pine to the mountain pine beetle in unmanaged stands in the Rock Mountains," Amman, et al., and (2) "Management of lodgepole pine to reduce losses from the mountain pine beetle," Safranyik, et al.

RISK RATING METHODS

Within lodgepole pine stands the five factors of elevation, latitude, tree age, diameter and phloem thickness are considered for indicating risk to mountain pine beetle infestation. On the Cassia Division lodgepole pine stands occur essentially at the same latitude, are within a 1,000 foot elevational range, are relatively old age, and contain relatively thick phloem. Therefore, as other factors are similar, risk has been assigned on the basis of diameter (dbh) alone. This is the most meaningful parameter relating to risk and one that is attained during normal timber cruising so these data are available without additional measurements for risk rating lodgepole pine stands in sequence for priority logging-utilization management.

Average diameter, considering trees 5" dbh and larger, of lodgepole pine in all sawtimber stands within all compartments on the Cassia Division were computed from compartment inventory data and each stand was risk rated for mountain pine beetle damage potential in the attached table pages 1 through 13.

Compartment #049 is used as an example to illustrate a priority logging sequence by stands within the compartment, Figure 1. Stands numbered 27 and 81 are very high risk (red) and would be cut first or along with high risk stands 4, 6, 11, 18, 23, 24, 28, 30, 33, 37, 40, 45, 46, 60, 65, 66 and 68 (yellow). Moderate (blue) and low-risk stands (green) could be stored on the stump for future management.

LODGEPOLE PINE DWARF MISTLETOE

Dwarf mistletoe infection levels should be used along with beetle risk levels to choose logging priorities. These ratings can in most cases be determined from compartment exam cruise data.

Table 1. Lodgepole Pine Risk Ratings of Cassia Division Stands by DBH.

<u>Key (Risk Level)</u>	
<u>dbh</u>	<u>risk rating</u>
5.0 - 6.9"	0 <u>LOW</u>
7.0 - 8.9"	1 <u>MODERATE</u>
9.0 - 12.9"	2 & 3 <u>HIGH</u>
13.0 - 14.9"	4 <u>VERY HIGH</u>
> 15.0"	5 <u>EXTREME</u>

COMPARTMENT #001

<u>Stand</u>	<u>Risk Rating</u>
43	5 (Extreme)
05	4 (Very High)
47	4 (Very High)
50	4 (Very High)
03	3 (High)
27	3 (High)
54	3 (High)
07	2 (High)
14	2 (High)
18	2 (High)
26	2 (High)
53	2 (High)
04	1 (Moderate)
72	1 (Moderate)
02	0 (Low)
10	0 (Low)

COMPARTMENT #002

<u>Stand</u>	<u>Risk Rating</u>
26	4 (Very High)
11	3 (High)
14	3 (High)
15	3 (High)
25	3 (High)
27	3 (High)
38	3 (High)
44	3 (High)
05	2 (High)
16	2 (High)
18	2 (High)
23	2 (High)
24	2 (High)
28	2 (High)
29	2 (High)
45	2 (High)
49	2 (High)
51	2 (High)
61	2 (High)
62	2 (High)
63	2 (High)
10	1 (Moderate)
17	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
22	1 (Moderate)
30	1 (Moderate)
33	1 (Moderate)
34	1 (Moderate)

cont'd...

(COMPARTMENT #002)

<u>Stand</u>	<u>Risk Rating</u>
35	1 (Moderate)
39	1 (Moderate)
47	1 (Moderate)
50	1 (Moderate)
55	1 (Moderate)
57	1 (Moderate)
65	1 (Moderate)
12	0 (Low)
36	0 (Low)
52	0 (Low)
67	0 (Low)

COMPARTMENT #003

<u>Stand</u>	<u>Risk Rating</u>
13	5 (Extreme)
04	4 (Very High)
12	4 (Very High)
41	4 (Very High)
05	3 (High)
36	3 (High)
40	3 (High)
44	3 (High)
55	3 (High)
09	2 (High)
24	2 (High)
33	2 (High)
34	2 (High)
47	2 (High)
03	1 (Moderate)
35	1 (Moderate)
43	1 (Moderate)
46	1 (Moderate)
51	1 (Moderate)
53	1 (Moderate)
54	1 (Moderate)
01	0 (Low)
02	0 (Low)
10	0 (Low)
23	0 (Low)
42	0 (Low)
52	0 (Low)
56	0 (Low)

COMPARTMENT #004

<u>Stand</u>	<u>Risk Rating</u>
25	4 (Very High)
04	3 (High)
43	3 (High)
44	3 (High)
49	3 (High)
51	3 (High)
63	3 (High)
05	2 (High)
10	2 (High)
18	2 (High)
26	2 (High)
27	2 (High)
39	2 (High)
42	2 (High)
46	2 (High)
50	2 (High)
56	2 (High)
65	2 (High)
01	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)
15	1 (Moderate)
16	1 (Moderate)
29	1 (Moderate)
33	1 (Moderate)
38	1 (Moderate)
45	1 (Moderate)
47	1 (Moderate)
48	1 (Moderate)
52	1 (Moderate)
53	1 (Moderate)
60	1 (Moderate)
03	0 (Low)
11	0 (Low)
17	0 (Low)
64	0 (Low)

COMPARTMENT #005

<u>Stand</u>	<u>Risk Rating</u>
02	4 (Very High)
08	4 (Very High)
64	4 (Very High)
05	3 (High)
15	3 (High)
16	3 (High)
17	3 (High)
18	3 (High)
19	3 (High)
21	3 (High)
07	2 (High)
10	2 (High)
12	2 (High)
13	2 (High)
14	2 (High)
29	2 (High)
33	2 (High)
45	2 (High)
46	2 (High)
56	2 (High)
58	2 (High)
77	2 (High)
79	2 (High)
03	1 (Moderate)
04	1 (Moderate)
06	1 (Moderate)
09	1 (Moderate)
11	1 (Moderate)
20	1 (Moderate)
23	1 (Moderate)
24	1 (Moderate)
25	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
38	1 (Moderate)
39	1 (Moderate)
43	1 (Moderate)
49	1 (Moderate)
78	1 (Moderate)
01	0 (Low)
31	0 (Low)
34	0 (Low)
40	0 (Low)
41	0 (Low)
42	0 (Low)
48	0 (Low)
53	0 (Low)
54	0 (Low)
55	0 (Low)
60	0 (Low)

COMPARTMENT #006

<u>Stand</u>	<u>Risk Rating</u>
18	3 (High)
30	3 (High)
11	2 (High)
14	2 (High)
26	2 (High)
31	2 (High)
38	2 (High)
01	1 (Moderate)
03	1 (Moderate)
08	1 (Moderate)
12	1 (Moderate)
15	1 (Moderate)
16	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
25	1 (Moderate)
32	1 (Moderate)
33	1 (Moderate)
40	1 (Moderate)
04	0 (Low)
05	0 (Low)
06	0 (Low)
07	0 (Low)
09	0 (Low)
23	0 (Low)
24	0 (Low)
28	0 (Low)
29	0 (Low)
35	0 (Low)
37	0 (Low)

COMPARTMENT #007

<u>Stand</u>	<u>Risk Rating</u>
13	5 (Extreme)
29	5 (Extreme)
63	5 (Extreme)
02	4 (Very High)
08	4 (Very High)
10	4 (Very High)
53	4 (Very High)
04	3 (High)
16	3 (High)
17	3 (High)
18	3 (High)
19	3 (High)
32	3 (High)
35	3 (High)

cont'd....

(COMPARTMENT #007)

<u>Stand</u>	<u>Risk Rating</u>
55	3 (High)
56	3 (High)
85	3 (High)
01	2 (High)
07	2 (High)
22	2 (High)
23	2 (High)
26	2 (High)
33	2 (High)
49	2 (High)
57	2 (High)
69	2 (High)
70	2 (High)
78	2 (High)
81	2 (High)
84	2 (High)
40	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
51	1 (Moderate)
52	1 (Moderate)
59	1 (Moderate)
72	1 (Moderate)
73	1 (Moderate)
95	0 (Low)

COMPARTMENT # 008

<u>Stand</u>	<u>Risk Rating</u>
02	5 (Extreme)
16	5 (Extreme)
34	5 (Extreme)
03	4 (Very High)
17	3 (High)
43	3 (High)
48	3 (High)
68	3 (High)
70	3 (High)
71	3 (High)
18	2 (High)
27	2 (High)
28	2 (High)
47	2 (High)
01	1 (Moderate)
31	1 (Moderate)
33	1 (Moderate)
22	0 (Low)

COMPARTMENT #009

<u>Stand</u>	<u>Risk Rating</u>
15	3 (High)
23	3 (High)
43	3 (High)
46	3 (High)
59	3 (High)
66	3 (High)
06	2 (High)
08	2 (High)
11	2 (High)
26	2 (High)
33	2 (High)
37	2 (High)
68	2 (High)
98	2 (High)
04	1 (Moderate)
07	1 (Moderate)
09	1 (Moderate)
10	1 (Moderate)
12	1 (Moderate)
13	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
24	1 (Moderate)
27	1 (Moderate)
38	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
48	1 (Moderate)
60	1 (Moderate)
63	1 (Moderate)
65	1 (Moderate)
94	1 (Moderate)
96	1 (Moderate)
05	0 (Low)
18	0 (Low)
19	0 (Low)
25	0 (Low)
83	0 (Low)

COMPARTMENT #010

<u>Stand</u>	<u>Risk Rating</u>
47	5 (Extreme)
49	4 (Very High)
50	4 (Very High)
27	2 (High)
42	2 (High)
43	2 (High)
88	2 (High)
29	1 (Moderate)
30	1 (Moderate)
34	1 (Moderate)
46	1 (Moderate)
82	1 (Moderate)
86	1 (Moderate)

COMPARTMENT #011

<u>Stand</u>	<u>Risk Rating</u>
64	5 (Extreme)
60	4 (Very High)
75	2 (High)
01	1 (Moderate)
65	1 (Moderate)
66	1 (Moderate)
71	1 (Moderate)
72	0 (Low)

COMPARTMENT #012

NO LPP EXAMINED AT
THIS TIME.

COMPARTMENT #013

<u>Stand</u>	<u>Risk Rating</u>
42	5 (Extreme)
31	4 (Very High)
25	2 (High)
38	2 (High)
43	2 (High)
45	2 (High)
55	2 (High)
58	2 (High)
14	1 (Moderate)
19	1 (Moderate)
22	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)

(COMPARTMENT #013)

<u>Stand</u>	<u>Risk Rating</u>
27	1 (Moderate)
29	1 (Moderate)
32	1 (Moderate)
36	1 (Moderate)
44	1 (Moderate)
60	1 (Moderate)
33	0 (Low)
34	0 (Low)
35	0 (Low)
61	0 (Low)

COMPARTMENT #014

<u>Stand</u>	<u>Risk Rating</u>
23	4 (Very High)
28	4 (Very High)
43	4 (Very High)
49	4 (Very High)
54	4 (Very High)
19	3 (High)
32	3 (High)
62	3 (High)
12	2 (High)
24	2 (High)
34	2 (High)
36	2 (High)
37	2 (High)
42	2 (High)
47	2 (High)
52	2 (High)
05	1 (Moderate)
15	1 (Moderate)
27	1 (Moderate)
33	1 (Moderate)
48	1 (Moderate)
50	1 (Moderate)
51	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
58	1 (Moderate)
59	0 (Low)

cont'd....

COMPARTMENT #015

<u>Stand</u>	<u>Risk Rating</u>
11	5 (Extreme)
12	5 (Extreme)
26	4 (Very High)
90	4 (Very High)
77	3 (High)
81	3 (High)
85	3 (High)
20	2 (High)
24	2 (High)
25	2 (High)
46	2 (High)
47	2 (High)
51	2 (High)
55	2 (High)
61	2 (High)
78	2 (High)
80	2 (High)
84	2 (High)
27	1 (Moderate)
28	1 (Moderate)
50	1 (Moderate)
52	1 (Moderate)

COMPARTMENT #016

<u>Stand</u>	<u>Risk Rating</u>
04	5 (Extreme)
01	4 (Very High)
02	3 (High)
36	3 (High)
63	3 (High)
64	3 (High)
06	2 (High)
09	2 (High)
11	2 (High)
12	2 (High)
16	2 (High)
18	2 (High)
21	2 (High)
24	2 (High)
26	2 (High)
30	2 (High)
46	2 (High)
47	2 (High)
48	2 (High)
51	2 (High)
cont'd....	

(COMPARTMENT #016)

<u>Stand</u>	<u>Risk Rating</u>
60	2 (High)
13	1 (Moderate)
20	1 (Moderate)
34	1 (Moderate)
35	1 (Moderate)
37	1 (Moderate)
38	1 (Moderate)
40	1 (Moderate)
41	1 (Moderate)
42	1 (Moderate)
44	1 (Moderate)
52	1 (Moderate)
56	1 (Moderate)
27	0 (Low)
32	0 (Low)
33	0 (Low)
43	0 (Low)

COMPARTMENT #017

<u>Stand</u>	<u>Risk Rating</u>
30	5 (Extreme)
37	4 (Very High)
08	3 (High)
16	3 (High)
74	3 (High)
06	2 (High)
07	2 (High)
12	2 (High)
14	2 (High)
15	2 (High)
20	2 (High)
31	2 (High)
32	2 (High)
36	2 (High)
39	2 (High)
55	2 (High)
60	2 (High)
62	2 (High)
66	2 (High)
68	2 (High)
71	2 (High)
82	2 (High)
03	1 (Moderate)
04	1 (Moderate)
05	1 (Moderate)
09	1 (Moderate)
cont'd....	

(COMPARTMENT #017)

<u>Stand</u>	<u>Risk Rating</u>
13	1 (Moderate)
21	1 (Moderate)
29	1 (Moderate)
33	1 (Moderate)
40	1 (Moderate)
43	1 (Moderate)
46	1 (Moderate)
47	1 (Moderate)
50	1 (Moderate)
51	1 (Moderate)
54	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
59	1 (Moderate)
63	1 (Moderate)
69	1 (Moderate)
78	1 (Moderate)
01	0 (Low)
02	0 (Low)
41	0 (Low)
42	0 (Low)
44	0 (Low)
53	0 (Low)
67	0 (Low)
76	0 (Low)

COMPARTMENT #018

<u>Stand</u>	<u>Risk Rating</u>
58	5 (Extreme)
12	2 (High)
15	2 (High)
17	2 (High)
28	2 (High)
39	2 (High)
66	2 (High)
05	1 (Moderate)
08	1 (Moderate)
16	1 (Moderate)
23	1 (Moderate)
24	1 (Moderate)
27	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
59	1 (Moderate)
61	1 (Moderate)
71	1 (Moderate)
cont'd....	

(COMPARTMENT #018)

<u>Stand</u>	<u>Risk Rating</u>
18	0 (Low)
19	0 (Low)
29	0 (Low)
36	0 (Low)
70	0 (Low)
72	0 (Low)

COMPARTMENT # 019

<u>Stand</u>	<u>Risk Rating</u>
38	4 (Very High)
39	4 (Very High)
32	3 (High)
46	3 (High)
11	2 (High)
23	2 (High)
29	2 (High)
34	2 (High)
37	2 (High)
41	2 (High)
43	2 (High)
44	2 (High)
55	2 (High)
58	2 (High)
61	2 (High)
05	1 (Moderate)
31	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
40	1 (Moderate)
50	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
60	1 (Moderate)
33	0 (Low)
53	0 (Low)

COMPARTMENT #020

<u>Stand</u>	<u>Risk Rating</u>
22	5 (Extreme)
35	4 (Very High)
02	3 (High)
03	3 (High)
12	3 (High)
29	3 (High)
33	3 (High)
34	2 (High)
38	1 (Moderate)
39	1 (Moderate)
21	0 (Low)

COMPARTMENT #021

<u>Stand</u>	<u>Risk Rating</u>
25	4 (Very High)

COMPARTMENT #022

NO TIMBER STANDS AT
THIS TIME.

COMPARTMENT #023

<u>Stand</u>	<u>Risk Rating</u>
12	5 (Extreme)
14	5 (Extreme)
87	5 (Extreme)
35	4 (Very High)
38	4 (Very High)
39	3 (High)
17	2 (High)
22	2 (High)
34	2 (High)
42	2 (High)
32	1 (Moderate)
36	0 (Low)

COMPARTMENT #024

<u>Stand</u>	<u>Risk Rating</u>
19	4 (Very High)
45	4 (Very High)
16	2 (High)
01	1 (Moderate)

COMPARTMENT #025

<u>Stand</u>	<u>Risk Rating</u>
01	5 (Extreme)
04	4 (Very High)
02	3 (High)
03	3 (High)
38	3 (High)
44	3 (High)
67	3 (High)
76	3 (High)
05	2 (High)
23	2 (High)
25	2 (High)
27	2 (High)
33	2 (High)
34	2 (High)
36	2 (High)
41	2 (High)

cont'd....

(COMPARTMENT #025)

<u>Stand</u>	<u>Risk Rating</u>
49	2 (High)
57	2 (High)
61	2 (High)
62	2 (High)
06	1 (Moderate)
24	1 (Moderate)
40	1 (Moderate)
52	1 (Moderate)
59	1 (Moderate)
73	1 (Moderate)
77	1 (Moderate)
26	0 (Low)

COMPARTMENT #026

<u>Stand</u>	<u>Risk Rating</u>
07	4 (Very High)
17	4 (Very High)
20	3 (High)
22	3 (High)
30	3 (High)
34	3 (High)
37	3 (High)
39	3 (High)
64	3 (High)
76	3 (High)
83	3 (High)
02	2 (High)
05	2 (High)
06	2 (High)
09	2 (High)
14	2 (High)
15	2 (High)
19	2 (High)
21	2 (High)
32	2 (High)
33	2 (High)
42	2 (High)
44	2 (High)
45	2 (High)
46	2 (High)
47	2 (High)
48	2 (High)
50	2 (High)
51	2 (High)
52	2 (High)
54	2 (High)
56	2 (High)
57	2 (High)
60	2 (High)

cont'd....

(COMPARTMENT #026)

Stand	Risk Rating
61	2 (High)
66	2 (High)
69	2 (High)
77	2 (High)
85	2 (High)
86	2 (High)
08	1 (Moderate)
11	1 (Moderate)
35	1 (Moderate)
40	1 (Moderate)
41	1 (Moderate)
49	1 (Moderate)
53	1 (Moderate)
55	1 (Moderate)
65	1 (Moderate)
71	1 (Moderate)
13	0 (Low)
27	0 (Low)
28	0 (Low)
84	Not enough live volume

COMPARTMENT #027

Stand	Risk Rating
54	5 (Extreme)
87	5 (Extreme)
17	4 (Very High)
20	4 (Very High)
27	4 (Very High)
46	4 (Very High)
50	4 (Very High)
12	3 (High)
15	3 (High)
32	3 (High)
38	3 (High)
47	3 (High)
52	3 (High)
63	3 (High)
74	3 (High)
79	3 (High)
06	2 (High)
13	2 (High)
16	2 (High)
18	2 (High)
23	2 (High)
24	2 (High)
31	2 (High)

cont'd....

(COMPARTMENT #027)

Stand	Risk Rating
33	2 (High)
37	2 (High)
39	2 (High)
44	2 (High)
49	2 (High)
57	2 (High)
60	2 (High)
65	2 (High)
66	2 (High)
67	2 (High)
70	2 (High)
71	2 (High)
72	2 (High)
77	2 (High)
85	2 (High)
86	2 (High)
21	1 (Moderate)
25	1 (Moderate)
26	1 (Moderate)
28	1 (Moderate)
29	1 (Moderate)
30	1 (Moderate)
34	1 (Moderate)
36	1 (Moderate)
43	1 (Moderate)
56	1 (Moderate)
62	1 (Moderate)
78	1 (Moderate)
81	1 (Moderate)
82	1 (Moderate)
53	0 (Low)
80	0 (Low)

COMPARTMENT #028

Stand	Risk Rating
46	3 (High)
47	3 (High)
31	2 (High)
42	2 (High)
59	2 (High)
70	2 (High)
77	2 (High)
23	1 (Moderate)
48	1 (Moderate)
60	1 (Moderate)

COMPARTMENT #029

Stand	Risk Rating
63	5 (Extreme)
04	4 (Very High)
28	3 (High)
30	3 (High)
45	2 (High)
06	1 (Moderate)

COMPARTMENT #030

Stand	Risk Rating
39	5 (Extreme)
68	5 (Extreme)
23	4 (Very High)
16	3 (High)
35	3 (High)
54	3 (High)
63	3 (High)
82	3 (High)
85	3 (High)
09	2 (High)
13	2 (High)
18	2 (High)
21	2 (High)
29	2 (High)
32	2 (High)
34	2 (High)
42	2 (High)
43	2 (High)
53	2 (High)
55	2 (High)
56	2 (High)
57	2 (High)
64	2 (High)
65	2 (High)
74	2 (High)
02	1 (Moderate)
03	1 (Moderate)
12	1 (Moderate)
14	1 (Moderate)
17	1 (Moderate)
19	1 (Moderate)
27	1 (Moderate)
28	1 (Moderate)
30	1 (Moderate)
33	1 (Moderate)
37	1 (Moderate)
38	1 (Moderate)

cont'd....

COMPARTMENT #030

<u>Stand</u>	<u>Risk Rating</u>
40	1 (Moderate)
47	1 (Moderate)
49	1 (Moderate)
51	1 (Moderate)
58	1 (Moderate)
60	1 (Moderate)
61	1 (Moderate)
83	1 (Moderate)
84	1 (Moderate)
90	1 (Moderate)
11	0 (Low)

COMPARTMENT #031

<u>Stand</u>	<u>Risk Rating</u>
11	3 (High)
18	3 (High)
03	2 (High)
25	2 (High)
27	2 (High)
56	2 (High)
06	1 (Moderate)
07	1 (Moderate)
10	1 (Moderate)
12	1 (Moderate)
13	1 (Moderate)
15	1 (Moderate)
17	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)
49	1 (Moderate)
08	0 (Low)
09	0 (Low)
14	0 (Low)

COMPARTMENT #032

NO LPP STANDS IN THIS
COMPARTMENT

COMPARTMENT #033

<u>Stand</u>	<u>Risk Rating</u>
03	5 (Extreme)
04	4 (Very High)
05	2 (High)

cont'd....

COMPARTMENT #033

<u>Stand</u>	<u>Risk Rating</u>
06	2 (High)
15	2 (High)

COMPARTMENT #034

<u>Stand</u>	<u>Risk Rating</u>
79	5 (Extreme)
65	3 (High)
36	2 (High)
41	2 (High)
67	1 (Moderate)

COMPARTMENT #035

<u>Stand</u>	<u>Risk Rating</u>
35	5 (Extreme)
30	3 (High)
54	3 (High)
38	2 (High)
36	1 (Moderate)

COMPARTMENT #036

<u>Stand</u>	<u>Risk Rating</u>
63	3 (High)
74	2 (High)
82	2 (High)
83	2 (High)
65	1 (Moderate)

COMPARTMENT #037

<u>Stand</u>	<u>Risk Rating</u>
02	5 (Extreme)
04	5 (Extreme)
13	4 (Very High)
19	4 (Very High)
37	4 (Very High)
55	4 (Very High)
06	3 (High)
11	3 (High)
38	3 (High)
16	2 (High)
48	2 (High)
17	1 (Moderate)

COMPARTMENT #038

<u>Stand</u>	<u>Risk Rating</u>
22	5 (Extreme)
33	5 (Extreme)
32	4 (Very High)
14	0 (Low)

COMPARTMENT #039

<u>Stand</u>	<u>Risk Rating</u>
08	5 (Extreme)
35	5 (Extreme)
20	4 (Very High)
29	4 (Very High)
36	4 (Very High)
48	4 (Very High)
52	4 (Very High)
63	4 (Very High)
06	3 (High)
47	3 (High)
50	3 (High)
65	3 (High)
26	2 (High)
28	2 (High)
33	2 (High)
39	2 (High)
56	2 (High)
60	2 (High)
69	2 (High)
70	2 (High)
78	2 (High)
79	2 (High)
81	2 (High)
37	1 (Moderate)
54	1 (Moderate)
80	1 (Moderate)

COMPARTMENT #040

<u>Stand</u>	<u>Risk Rating</u>
34	5 (Extreme)
39	5 (Extreme)
49	4 (Very High)
32	3 (High)
10	2 (High)
11	2 (High)
16	2 (High)
23	2 (High)
25	2 (High)
31	2 (High)
35	2 (High)

cont'd....

(COMPARTMENT #040)

<u>Stand</u>	<u>Risk Rating</u>
38	2 (High)
40	2 (High)
42	2 (High)
47	2 (High)
48	2 (High)
54	2 (High)
60	2 (High)
02	1 (Moderate)
07	1 (Moderate)
21	1 (Moderate)
26	1 (Moderate)
28	1 (Moderate)
52	1 (Moderate)
55	1 (Moderate)
56	1 (Moderate)
59	1 (Moderate)

(COMPARTMENT #042)

<u>Stand</u>	<u>Risk Rating</u>
05	2 (High)
06	2 (High)
09	2 (High)
11	2 (High)
20	2 (High)
21	2 (High)
22	2 (High)
24	2 (High)
25	2 (High)
26	2 (High)
01	1 (Moderate)
07	1 (Moderate)
13	1 (Moderate)
27	1 (Moderate)
37	0 (Low)

COMPARTMENT #045

<u>Stand</u>	<u>Risk Rating</u>
10	2 (High)
13	2 (High)
17	2 (High)
06	1 (Moderate)
18	1 (Moderate)
22	1 (Moderate)
28	1 (Moderate)

COMPARTMENT #046

NO LPP AT THIS TIME
COMPLETED COMP.

COMPARTMENT #047

<u>Stand</u>	<u>Risk Rating</u>
37	2 (High)
04	1 (Moderate)
14	1 (Moderate)

COMPARTMENT #041

<u>Stand</u>	<u>Risk Rating</u>
53	5 (Extreme)
57	5 (Extreme)
46	3 (High)
51	3 (High)
58	3 (High)
60	3 (High)
63	3 (High)
67	3 (High)
69	3 (High)
42	2 (High)
43	2 (High)
50	2 (High)
62	2 (High)
22	1 (Moderate)
38	1 (Moderate)
47	1 (Moderate)
49	1 (Moderate)
66	1 (Moderate)
68	1 (Moderate)

COMPARTMENT #043

<u>Stand</u>	<u>Risk Rating</u>
13	5 (Extreme)
55	3 (High)
06	2 (High)
10	2 (High)
72	2 (High)
04	1 (Moderate)
25	1 (Moderate)
26	1 (Moderate)
57	1 (Moderate)
08	0 (Low)

COMPARTMENT #048

<u>Stand</u>	<u>Risk Rating</u>
58	5 (Extreme)
01	3 (High)
27	3 (High)
35	3 (High)
43	3 (High)
50	3 (High)
04	2 (High)
05	2 (High)
12	2 (High)
18	2 (High)
19	2 (High)
22	2 (High)
23	2 (High)
26	2 (High)
39	2 (High)
52	2 (High)
55	2 (High)
06	1 (Moderate)
07	1 (Moderate)
09	1 (Moderate)
11	1 (Moderate)
16	1 (Moderate)
21	1 (Moderate)
31	1 (Moderate)
37	1 (Moderate)

COMPARTMENT #044

<u>Stand</u>	<u>Risk Rating</u>
48	4 (Very High)
13	3 (High)
14	3 (High)
19	3 (High)
21	2 (High)
34	2 (High)
35	1 (Moderate)
46	1 (Moderate)
47	1 (Moderate)
58	1 (Moderate)

COMPARTMENT #042

<u>Stand</u>	<u>Risk Rating</u>
33	4 (Very High)
34	4 (Very High)
18	3 (High)
03	2 (High)

cont'd....

cont'd...

COMPARTMENT #048)

<u>Stand</u>	<u>Risk Rating</u>
40	1 (Moderate)
02	0 (Low)
08	0 (Low)
10	0 (Low)

COMPARTMENT #049

<u>Stand</u>	<u>Risk Rating</u>
27	4 (Very High)
81	4 (Very High)
24	3 (High)
60	3 (High)
04	2 (High)
09	2 (High)
11	2 (High)
18	2 (High)
23	2 (High)
28	2 (High)
30	2 (High)
33	2 (High)
37	2 (High)
40	2 (High)
45	2 (High)
46	2 (High)
65	2 (High)
66	2 (High)
68	2 (High)
03	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
07	1 (Moderate)
08	1 (Moderate)
10	1 (Moderate)
15	1 (Moderate)
21	1 (Moderate)
29	1 (Moderate)
35	1 (Moderate)
39	1 (Moderate)
43	1 (Moderate)
47	1 (Moderate)
48	1 (Moderate)
51	1 (Moderate)
16	0 (Low)
49	0 (Low)
50	0 (Low)

COMPARTMENT #050

<u>Stand</u>	<u>Risk Rating</u>
08	3 (High)
13	2 (High)
16	2 (High)
20	2 (High)
21	2 (High)
24	2 (High)
26	2 (High)
27	2 (High)
29	2 (High)
03	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
11	1 (Moderate)
12	1 (Moderate)
22	1 (Moderate)
23	1 (Moderate)
32	1 (Moderate)

COMPARTMENT #051

<u>Stand</u>	<u>Risk Rating</u>
02	5 (Extreme)
52	5 (Extreme)
32	3 (High)
38	3 (High)
44	3 (High)
01	2 (High)
14	2 (High)
18	2 (High)
33	2 (High)
35	2 (High)
37	2 (High)
48	2 (High)
53	2 (High)
05	1 (Moderate)
23	1 (Moderate)
25	1 (Moderate)
31	1 (Moderate)
49	1 (Moderate)
56	1 (Moderate)
59	1 (Moderate)
54	0 (Low)

COMPARTMENT #052

<u>Stand</u>	<u>Risk Rating</u>
07	5 (Extreme)
55	5 (Extreme)
08	4 (Very High)
34	4 (Very High)
50	4 (Very High)
68	4 (Very High)
14	3 (High)
24	3 (High)
28	3 (High)
44	3 (High)
59	3 (High)
18	2 (High)
20	2 (High)
22	2 (High)
30	2 (High)
54	2 (High)
16	1 (Moderate)
32	1 (Moderate)
33	1 (Moderate)

COMPARTMENT #053

<u>Stand</u>	<u>Risk Rating</u>
12	3 (High)
29	2 (High)
01	1 (Moderate)

COMPARTMENT #054

<u>Stand</u>	<u>Risk Rating</u>
38	5 (Extreme)
15	4 (Very High)
30	4 (Very High)
72	4 (Very High)
88	4 (Very High)
04	3 (High)
09	3 (High)
25	3 (High)
33	3 (High)
44	3 (High)
46	3 (High)
50	3 (High)
51	3 (High)
58	3 (High)
65	3 (High)
67	3 (High)
80	3 (High)
91	3 (High)
10	2 (High)

(COMPARTMENT #054)

<u>Stand</u>	<u>Risk Rating</u>
13	2 (High)
17	2 (High)
55	2 (High)
57	2 (High)
61	2 (High)
71	2 (High)
74	2 (High)
77	2 (High)
83	2 (High)
85	2 (High)
20	1 (Moderate)
39	1 (Moderate)
63	1 (Moderate)
64	1 (Moderate)
73	1 (Moderate)
75	1 (Moderate)
79	1 (Moderate)
81	1 (Moderate)

(COMPARTMENT #056)

<u>Stand</u>	<u>Risk Rating</u>
60	2 (High)
62	2 (High)
63	2 (High)
65	2 (High)
15	1 (Moderate)
19	1 (Moderate)
22	1 (Moderate)
26	1 (Moderate)
33	1 (Moderate)
44	1 (Moderate)
56	1 (Moderate)
61	1 (Moderate)
64	1 (Moderate)
66	1 (Moderate)
67	1 (Moderate)
68	0 (Low)

COMPARTMENT #057

<u>Stand</u>	<u>Risk Rating</u>
23	4 (Very High)
45	4 (Very High)
32	3 (High)
03	2 (High)
24	2 (High)
48	2 (High)
01	1 (Moderate)
02	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)
10	1 (Moderate)
11	1 (Moderate)
13	1 (Moderate)
15	1 (Moderate)
18	1 (Moderate)
19	1 (Moderate)
25	1 (Moderate)
31	1 (Moderate)
51	1 (Moderate)
66	1 (Moderate)

COMPARTMENT #058

<u>Stand</u>	<u>Risk Rating</u>
23	2 (High)
24	2 (High)

COMPARTMENT #059

<u>Stand</u>	<u>Risk Rating</u>
06	5 (Extreme)
13	5 (Extreme)
28	5 (Extreme)
59	5 (Extreme)
61	5 (Extreme)
64	5 (Extreme)
17	4 (Very High)
62	4 (Very High)
66	4 (Very High)
15	3 (High)
18	3 (High)
20	3 (High)
24	3 (High)
27	3 (High)
36	3 (High)
71	3 (High)
02	2 (High)
03	2 (High)
11	2 (High)
30	2 (High)
38	2 (High)
46	2 (High)
51	2 (High)
54	2 (High)
56	2 (High)
58	2 (High)
60	2 (High)
69	2 (High)
01	1 (Moderate)
44	1 (Moderate)

COMPARTMENT #060

<u>Stand</u>	<u>Risk Rating</u>
40	4 (Very High)
03	3 (High)
04	3 (High)
26	3 (High)
27	3 (High)
30	3 (High)
35	3 (High)
38	3 (High)
46	3 (High)
54	3 (High)
71	3 (High)
73	3 (High)
31	2 (High)
58	2 (High)
61	2 (High)
64	2 (High)
82	2 (High)

COMPARTMENT #055

<u>Stand</u>	<u>Risk Rating</u>
10	5 (Extreme)
01	3 (High)
14	3 (High)
08	2 (High)
12	2 (High)
16	2 (High)
11	1 (Moderate)

COMPARTMENT #056

<u>Stand</u>	<u>Risk Rating</u>
20	4 (Very High)
12	3 (High)
38	3 (High)
43	3 (High)
47	3 (High)
01	2 (High)
03	2 (High)
06	2 (High)
10	2 (High)
13	2 (High)
28	2 (High)
32	2 (High)
34	2 (High)
48	2 (High)
53	2 (High)
54	2 (High)
58	2 (High)

cont'd...

cont'd

(COMPARTMENT #060)

Stand	Risk Rating
85	2 (High)
07	1 (Moderate)
08	1 (Moderate)
24	1 (Moderate)
34	1 (Moderate)
36	1 (Moderate)
49	1 (Moderate)
70	1 (Moderate)
74	0 (Low)

COMPARTMENT #061

Stand	Risk Rating
40	5 (Extreme)
27	3 (High)
48	3 (High)
51	3 (High)
08	2 (High)
15	2 (High)
16	2 (High)
19	2 (High)
24	2 (High)
29	2 (High)
32	2 (High)
53	2 (High)
04	1 (Moderate)
07	1 (Moderate)
17	1 (Moderate)
23	1 (Moderate)
36	1 (Moderate)
41	1 (Moderate)
55	0 (Low)

COMPARTMENT #062

Stand	Risk Rating
15	5 (Extreme)
06	4 (Very High)
19	4 (Very High)
26	4 (Very High)
52	4 (Very High)
66	4 (Very High)
05	3 (High)
11	3 (High)
24	3 (High)
69	3 (High)
08	2 (High)
09	2 (High)

cont'd....

(COMPARTMENT #062)

Stand	Risk Rating
12	2 (High)
13	2 (High)
17	2 (High)
25	2 (High)
28	2 (High)
29	2 (High)
38	2 (High)
46	2 (High)
55	2 (High)
63	2 (High)
67	2 (High)
68	2 (High)
71	2 (High)
78	2 (High)
07	1 (Moderate)
10	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
62	1 (Moderate)
73	1 (Moderate)
20	0 (Low)
60	0 (Low)

COMPARTMENT #063

Stand	Risk Rating
13	3 (High)
28	3 (High)
48	3 (High)
56	3 (High)
66	3 (High)
83	3 (High)
08	2 (High)
10	2 (High)
17	2 (High)
18	2 (High)
20	2 (High)
24	2 (High)
25	2 (High)
26	2 (High)
30	2 (High)
33	2 (High)
50	2 (High)
52	2 (High)
64	2 (High)
65	2 (High)
84	2 (High)
85	2 (High)
04	1 (Moderate)

cont'd....

(COMPARTMENT #063)

Stand	Risk Rating
05	1 (Moderate)
06	1 (Moderate)
12	1 (Moderate)
14	1 (Moderate)
23	1 (Moderate)
27	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
38	1 (Moderate)
44	1 (Moderate)
46	1 (Moderate)
76	1 (Moderate)
79	1 (Moderate)
19	0 (Low)
21	0 (Low)
39	0 (Low)

COMPARTMENT #064

Stand	Risk Rating
44	5 (Extreme)
25	4 (Very High)
47	4 (Very High)
18	3 (High)
42	3 (High)
10	2 (High)
28	2 (High)
43	2 (High)
02	1 (Moderate)
05	1 (Moderate)
07	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)
12	1 (Moderate)
17	1 (Moderate)
20	1 (Moderate)
23	1 (Moderate)
29	1 (Moderate)
33	1 (Moderate)
37	1 (Moderate)
38	1 (Moderate)
41	1 (Moderate)
50	1 (Moderate)
01	0 (Low)
03	0 (Low)
21	0 (Low)
31	0 (Low)
45	0 (Low)

COMPARTMENT #065

NO LPP IN COMP.

COMPARTMENT #066NO LPP STANDS
RECONEDCOMPARTMENT #067

Stand	Risk Rating
01	3 (High)
18	3 (High)
13	2 (High)
06	1 (Moderate)
11	1 (Moderate)

COMPARTMENT #068NO LPP RECONED AT
THIS TIMECOMPARTMENT #069NO LPP RECONED AT
THIS TIME.COMPARTMENT #070NO LPP RECONED AT
THIS TIME.COMPARTMENT #071NO LPP RECONED AT
THIS TIME.COMPARTMENT #072

Stand	Risk Rating
28	5 (Extreme)
40	5 (Extreme)
15	3 (High)
20	3 (High)
22	3 (High)
27	3 (High)

cont'd...

(COMPARTMENT #072)

Stand	Risk Rating
04	2 (High)
05	2 (High)
06	2 (High)
07	2 (High)
13	2 (High)
17	2 (High)
18	2 (High)
21	2 (High)
23	2 (High)
26	2 (High)
32	2 (High)
33	2 (High)
41	2 (High)
01	1 (Moderate)
03	1 (Moderate)
25	1 (Moderate)
35	1 (Moderate)
48	1 (Moderate)
54	1 (Moderate)
47	0 (Low)

COMPARTMENT #073

Stand	Risk Rating
15	4 (Very High)
28	4 (Very High)
06	3 (High)
18	3 (High)
11	2 (High)
14	2 (High)
16	2 (High)
17	2 (High)
27	2 (High)
29	2 (High)
12	1 (Moderate)
25	1 (Moderate)
26	1 (Moderate)
30	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
35	1 (Moderate)

COMPARTMENT #074

Stand	Risk Rating
31	5 (Extreme)
60	5 (Extreme)
46	4 (Very High)
37	3 (High)
41	3 (High)
53	3 (High)
54	3 (High)
56	3 (High)
68	3 (High)
69	3 (High)
81	3 (High)
83	3 (High)
84	3 (High)
12	2 (High)
23	2 (High)
26	2 (High)
30	2 (High)
45	2 (High)
52	2 (High)
55	2 (High)
63	2 (High)
66	2 (High)
67	2 (High)
70	2 (High)
78	2 (High)
89	2 (High)
93	2 (High)
95	2 (High)
04	1 (Moderate)
06	1 (Moderate)
14	1 (Moderate)
17	1 (Moderate)
27	1 (Moderate)
57	1 (Moderate)
58	1 (Moderate)
59	1 (Moderate)
61	1 (Moderate)
72	1 (Moderate)
73	1 (Moderate)
75	1 (Moderate)
76	1 (Moderate)
79	1 (Moderate)
85	1 (Moderate)
87	1 (Moderate)
88	1 (Moderate)
94	1 (Moderate)
97	1 (Moderate)
09	0 (Low)
13	0 (Low)
16	0 (Low)
62	0 (Low)

COMPARTMENT #075

<u>Stand</u>	<u>Risk Rating</u>
07	3 (High)
08	3 (High)
10	3 (High)
23	3 (High)
02	2 (High)
09	2 (High)
19	2 (High)
24	2 (High)
26	2 (High)
29	2 (High)
31	2 (High)
11	1 (Moderate)
15	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
28	1 (Moderate)
18	0 (Low)
33	0 (Low)

COMPARTMENT #076

<u>Stand</u>	<u>Risk Rating</u>
87	5 (Extreme)
11	4 (Very High)
20	4 (Very High)
07	3 (High)
18	3 (High)
22	3 (High)
25	3 (High)
32	3 (High)
36	3 (High)
41	3 (High)
44	3 (High)
46	3 (High)
49	3 (High)
89	3 (High)
90	3 (High)
91	3 (High)
28	2 (High)
45	2 (High)
48	2 (High)
51	2 (High)
53	2 (High)
54	2 (High)
55	2 (High)
58	2 (High)
61	2 (High)
16	1 (Moderate)

cont'd....

(COMPARTMENT #076)

<u>Stand</u>	<u>Risk Rating</u>
17	1 (Moderate)
21	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
70	1 (Moderate)
76	1 (Moderate)
78	1 (Moderate)
82	1 (Moderate)
92	1 (Moderate)

COMPARTMENT #077

NO LPP STANDS IN COMP.
AT THIS TIME.

COMPARTMENT #078

<u>Stand</u>	<u>Risk Rating</u>
01	1 (Moderate)
02	1 (Moderate)
04	1 (Moderate)

COMPARTMENT #079

NO LPP STANDS RECONED
AT THIS TIME.

COMPARTMENT #080

<u>Stand</u>	<u>Risk Rating</u>
31	4 (Very High)
44	4 (Very High)
46	3 (High)
48	3 (High)
51	3 (High)
53	3 (High)
15	2 (High)
16	2 (High)
23	2 (High)
24	2 (High)
39	2 (High)
42	2 (High)
49	2 (High)
01	1 (Moderate)
02	1 (Moderate)

cont'd....

(COMPARTMENT #080)

<u>Stand</u>	<u>Risk Rating</u>
20	1 (Moderate)
21	1 (Moderate)
52	1 (Moderate)
56	1 (Moderate)
04	0 (Low)

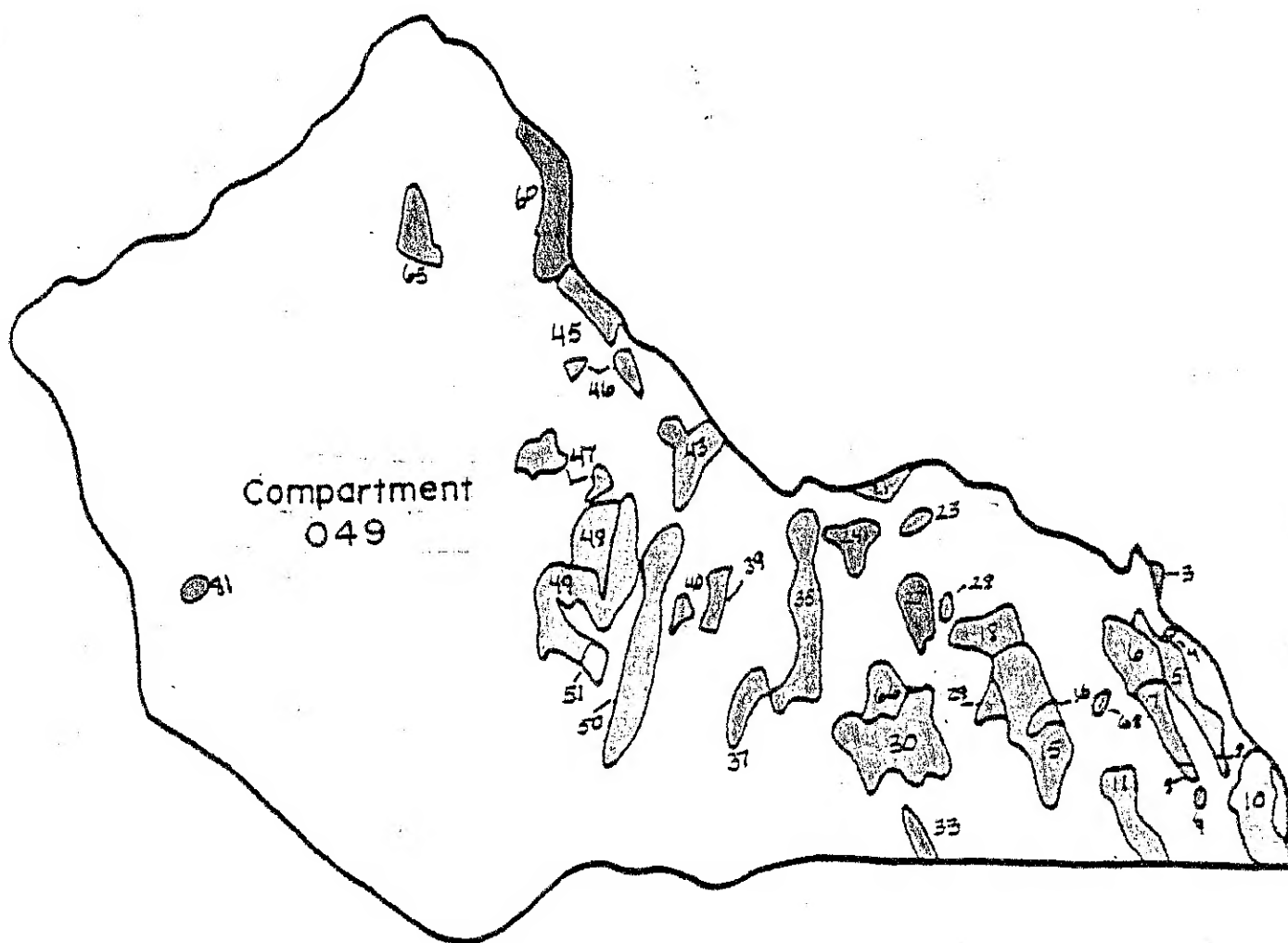


Figure 1.--Lodgepole pine stands risk rated for potential mountain pine beetle damage. Compartment 049, Cassia Division, Twin Falls Ranger District, Sawtooth National Forest.